

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:)	FINDING OF VIOLATION
)	
Raybestos Products Company)	EPA-5-00-IN-18
1204 Darlington Avenue)	
Crawfordsville, Indiana)	
)	
Proceedings Pursuant to)	
Sections 112 and 113 of the)	
Clean Air Act, 42 U.S.C. §§ 7412)	
and 7413.)	

FINDING OF VIOLATION

The United States Environmental Protection Agency (U.S. EPA) finds that Raybestos Products Company (Raybestos) is violating Section 112 of the Clean Air Act (Act), 42 U.S.C. § 7412. Specifically, Raybestos is violating the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Halogenated Solvent Cleaning at 40 C.F.R. part 63, subpart T, and federally enforceable Operating Permit (Title V) conditions as follows:

Factual Background

1. Raybestos owns and operates a Batch Cleaning Machine, which is an open-top vapor cleaning machine that was installed in 1989.
2. Raybestos' Batch Cleaning Machine is an existing machine. 40 C.F.R. § 63.461.
3. The existing machine uses solvent containing trichloroethylene in a total concentration greater than 5% by weight as its cleaning agent. 40 C.F.R. § 63.460(a).
4. The existing machine was required to achieve compliance with Subpart T provisions no later than December 2, 1997. 40 C.F.R § 63.460(d).
5. Pursuant to 40 C.F.R. § 63.463(b) (2), each owner of a batch cleaning machine with a solvent air interface area greater than 1.21 square meters (13 square feet) shall employ one of the control options listed in Table 2 of that subpart or an equivalent method of control.
6. Raybestos' Batch Cleaning Machine has a solvent air interface area of greater than 1.21 square meters (13 square feet).

7. As provided for in Table 2 in 40 C.F.R. § 63.463, Raybestos selected the Option 6 (freeboard refrigeration device, reduced draft, and free board ratio of 1.0) control combination for its Batch Cleaning Machine.
8. Owners and operators of cleaning machines must ensure that the chilled air blanket temperature (in °F), measured at the center of the air blanket, is no greater than 30 percent of the solvent boiling point if a freeboard refrigeration device is used. 40 C.F.R. § 63.463(e)(2)(i).
9. The flow or movement of air across the top of the freeboard area of a solvent cleaning machine or within a solvent cleaning machine enclosure may not exceed 15.2 meters per minute (50 feet per minute) if a reduced room draft is chosen as an option a part of a control combination. 40 C.F.R. § 63.463(e)(2)(ii)(a) and (b).
10. On October 8, 1999 and on January 18, 2000, Raybestos submitted to IDEM a quarterly exceedance report showing violations of Subpart T.
11. Pursuant to Section 502 of the Clean Air Act, 42 U.S.C. § 7661a(a), "After the effective date of any permit program approved or promulgated under this subtitle, it shall be unlawful for any person to violate any requirement of a permit issued under this subtitle, . . ."
12. On April 14, 1999, IDEM issued Raybestos' Title V operating permit pursuant to 326 IAC 2-7-1 to 21.
13. Raybestos' Title V permit contains conditions D.2.2, D.2.3, and D.2.4, which relate to design, work practice, and control equipment requirements for the Batch Cleaning Machine.
14. Raybestos' Title V permit contains conditions D.2.7 and D.2.8 which relate to the control of air disturbances across the Batch Cleaning Machine openings and the monitoring of control devices.
15. Raybestos' Title V permit condition D.2.9 requires Raybestos to submit exceedance reports to the Administrator on a quarterly basis.
16. Raybestos' Title V permit condition D.1.6 requires Raybestos to perform visible emissions tests from its steel blanking and surface finishing operation on a daily basis.
17. Raybestos' Title V permit condition D.1.8 requires Raybestos to conduct baghouse inspections.
18. Raybestos' Title V permit condition D.1.10 requires Raybestos to maintain records to document compliance with its Title V permit conditions D.1.1 and D.1.8.

19. Raybestos owns and operates one Adhesive Formulation and Application AT line with a catalytic oxidizer as a control at 1204 Darlington Avenue, Crawfordsville, Indiana.
20. Raybestos' Title V permit condition D.3.1 sets a VOC emission limit for, Raybestos' Adhesive Formulation and Application AT line. That VOC emissions limit is 3.5 pounds per gallon of coating, excluding water. To demonstrate compliance with the limit, Raybestos AT line catalytic oxidizer must operate at or above the minimum temperature of 907 degrees F.
21. Raybestos owns and operates two paper saturation lines (NATS I and NATS II) which use thermal oxidizers as control equipment at 1204 Darlington Avenue, Crawfordsville, Indiana.
22. Raybestos' Title V permit condition D.4.1 requires Raybestos' thermal oxidizer to operate at or above the minimum temperature of 1400 degrees F, or a temperature determined in the latest stack test that assures 95 percent destruction of VOC. The temperature determined to ensure 95 percent destruction of VOC from the last stack test is 1380 degrees F.
23. Raybestos' Title V permit condition D.4.2 requires Raybestos' thermal oxidizer to operate at or above the minimum temperature of 1400 degrees F, or a temperature determined in the latest stack test that assures 95 percent overall control efficiency of VOC emissions. The temperature determined from the last stack test is 1380 degrees F.
24. Raybestos' Title V permit condition D.4.7 requires Raybestos to maintain monthly records to demonstrate compliance with its Title V permit conditions D.4.1 and D.4.2.
25. Raybestos' Title V permit condition B.16 requires Raybestos to report deviations from its Title V permit conditions, as well as any response steps or preventive measures taken, to IDEM within 10 calendar days from the date of discovery of the deviation.
26. On December 1, 1999, an Indiana Department of Environmental Management (IDEM) inspector inspected Raybestos' facility located at 1204 Darlington Avenue, Crawfordsville, Indiana, for compliance with the Title V permit.

Violations

27. From December 2, 1997 to present, Raybestos is violating 40 C.F.R. § 63.463(a)(1)(i) and Title V permit conditions D.2.2, D.2.3, and D.2.4 because Raybestos failed to install a cover for the Batch Cleaning Machine that may be readily opened or closed during idling and downtime mode, as described in 40 C.F.R. § 63.463(d)(1)(i).

28. From December 2, 1997 to September 29, 1999, Raybestos violated 40 C.F.R. § 63.463(a)(1) and Title V permit condition D.2.2(i)(a) because Raybestos failed to ensure that the Batch Cleaning Machine was designed or operated to achieve a reduced room draft, as described in 40 C.F.R. § 63.463(e)(2)(ii).
29. From December 2, 1997 to present, Raybestos is violating 40 C.F.R. § 63.463(d)(1) and Title V permit condition D.2.7 because Raybestos failed to control air disturbances across the cleaning machine openings by reducing the room draft, as described in 40 C.F.R. § 63.463(e)(2)(ii).
30. From December 2, 1997 to September 29, 1999, Raybestos violated 40 C.F.R. § 63.463(e)(1), 40 C.F.R. § 63.466(a)-(d), and Title V permit conditions D.2.2(i)(a) and D.2.7 because Raybestos failed to conduct monitoring of each control device used to comply with 40 C.F.R. § 63.463, as provided in 40 C.F.R. § 63.466.
31. From December 2, 1997 to September 29, 1999, Raybestos violated 40 C.F.R. § 63.463(e)(2) and Title V permit condition D.2.8 because Raybestos failed to determine during each monitoring period whether each control device used to comply with 40 C.F.R. § 63.463 met the requirements specified in 40 C.F.R. § 63.463(e)(2).
32. From December 2, 1997 to September 29, 1999, Raybestos violated 40 C.F.R. § 63.463(e)(3) because an exceedance occurred since the conditions of 40 C.F.R. § 63.463(e)(2) were not met.
33. From September 29, 1999 to present, Raybestos is violating 40 C.F.R. § 63.463(e)(2)(i) because Raybestos' degreaser chilled air blanket temperature exceeded 30 percent of the solvent boiling point.
34. From September 29, 1999 to present, Raybestos is violating 40 C.F.R. § 63.463(e)(2)(ii)(a) and (b) because the wind speed across the top of the freeboard area of Raybestos' degreaser was measured at 55 feet per minute, exceeding the 50 feet per minute limit.
35. From December 2, 1997 to January 18, 2000, Raybestos violated 40 C.F.R. § 63.463(e)(4), 40 C.F.R. § 63.468(h), and Title V permit condition D.2.9 because Raybestos failed to submit exceedance reports to the Administrator on a quarterly basis, as specified in 40 C.F.R. § 63.468(h).
36. From April 14, 1999 to November 15, 1999, Raybestos violated Title V permit condition D.1.6 because Raybestos failed to perform visible emissions tests from its steel blanking and surface finishing operation on a daily basis.

37. From April 14, 1999 to July 1, 1999, Raybestos violated Title V permit condition D.1.8 because Raybestos failed to conduct baghouse inspections.
38. From April 14, 1999 to July 1, 1999, Raybestos violated Title V permit condition D.1.10 because Raybestos failed to maintain records to document compliance with Title V permit conditions D.1.1 and D.1.8.
39. On September 9-14, 1999, September 16-22, 1999, September 27 and 28, 1999, October 4, 9, 10, 18, 24, and 29, 1999, and November 11, 18, and 21, 1999, Raybestos violated Title V permit condition D.3.1 because Raybestos' Adhesive Formulation and Application AT line exceeded the VOC emissions limit of 3.5 pounds per gallon of coating, excluding water. To demonstrate compliance with the limit, Raybestos' AT line catalytic oxidizer must operate at or above the minimum temperature of 907 degrees F. On these dates, temperatures for the catalytic oxidizer were below the minimum 907 degrees F.
40. On December 1, 1999, Raybestos violated Title V permit condition D.4.1 because Raybestos' thermal oxidizers operated at 1353 degrees F. Pursuant to Title V permit condition D.4.1, Raybestos' thermal oxidizer must operate at or above the minimum temperature of 1400 degrees F, or a temperature determined in the latest stack test that assures 95 percent destruction of VOC. The temperature determined to ensure 95 destruction of VOC from the last stack test is 1380 degrees F.
41. On December 1, 1999, Raybestos violated Title V permit condition D.4.2 because Raybestos' thermal oxidizers failed to achieve an overall control efficiency of 95 percent. Pursuant to Title V permit condition D.4.6, Raybestos' thermal oxidizer must operate at or above the minimum temperature of 1400 degrees F, or a temperature determined in the latest stack test that assures 95 percent overall control efficiency of VOC emissions. The temperature determined from the last stack test is 1380 degrees F. Raybestos' thermal oxidizer operated below the minimum temperature of 1380 degrees F on the date of the IDEM's inspection.
42. From April 14, 1999 to present, Raybestos is violating Title V permit condition D.4.7 because Raybestos failed to maintain monthly records to demonstrate compliance with Title V permit conditions D.4.1 and D.4.2.
43. From April 14, 1999 to June 30, 2000, Raybestos violated Title V permit condition B.16 because Raybestos failed to report deviations from its Title V permit conditions, as well as any response steps or preventive measures taken, to IDEM within 10 calendar days from the date of discovery of the deviation.

9-20-00
Date

B Math
Bharat Mathur, Director
Air and Radiation Division

CERTIFICATE OF MAILING

I, Betty Williams, do hereby certify that a Notice of Violation, No. EPA-5-00-IN-17 and a Finding of Violation, No. EPA-5-00-IN-18 was sent by Certified Mail, Return Receipt Requested, to:

Jan Morse, Manager of Technical Services
Raybestos Products Company
1204 Darlington Avenue
Crawfordsville, Indiana 47933

I also certify that copies of the Notice of Violation and Finding of Violation were sent by First Class Mail to:

David McIver, Chief
Air Section
Office of Enforcement
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46206-6015

and

Felicia Robinson, Assistant Commissioner
Office of Enforcement
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46206-6015

on the 21st day of September, 2000.

Betty Williams
Betty Williams, Secretary
AECAS (IL/IN)

2199026403
CERTIFIED MAIL RECEIPT NUMBER: